

## SAMPLING TRIP REPORT

164683



**SITE NAME:** Camden Municipal Wells  
DCN: START-02-F-04377  
TDD #: 02-00-02-0020  
CASE NO.: 28192

**EPA I.D. NO.:** NJD980769087

**SAMPLING DATE:** 13 and 14 June 2000

1. Site Location: Refer to Figure 1
2. Sample Locations: Refer to Figures 2 and 3
3. Sample Descriptions: Refer to Table 1
4. Laboratories Receiving Samples:

<u>Sample Type</u>	<u>Name and Address of Laboratory</u>
Target Compound List (TCL)	Mitkem Corporation 175 Metro Center Boulevard Warwick, RI 02886 Attn: Agnes Ng
Target Analyte List (TAL) Metals	Sentinel, Inc. 2800 Bob Wallace Avenue, Suite L3 Huntsville, AL 35805 Attn: Beverly Kilgore
Hexavalent Chromium	Chemtech Consulting Group Raritan Center 205 Campus Plaza 1 Edison, NJ 08837

5. Sample Dispatch Data:

Fourteen groundwater samples were collected. In addition, one duplicate sample, one matrix spike/matrix spike duplicate (MS/MSD) sample, and one trip blank were also collected. All organic analysis fractions were shipped to Mitkem Corporation and analyzed for TCL volatile organic compounds (VOC), base/neutral and acid extractable organics (BNA), pesticides, and polychlorinated biphenyls (PCB). The trip blank was also shipped to Mitkem for TCL VOC analysis. The samples were shipped on 13 June 2000 at 1640 hours via Federal Express (Airbill numbers 820153075042; 820153075053; 820153075064; 820153075101; 821263460224).

All inorganic analysis fractions were shipped to Sentinel, Inc. and analyzed for TAL metals. The samples were shipped on 13 June 2000 at 1640 hours via Federal Express (Airbill number 820153075097).

All fractions for hexavalent chromium analysis were hand delivered to Chemtech Consulting Group on 13 June 2000 at 1828 hours.

6. On-Site Personnel:

<u>Name</u>	<u>Company</u>	<u>Duties on Site</u>
Richard Flack	Region II START	Project Manager
Robert Gascoyne	Region II START	Field Support
William DeSena	Region II START	Sample Management Officer
Mike Mohn	Region II START	Sampler

7. Additional Comments:

On 13 and 14 June 2000, the Region II Superfund Technical Assessment and Response Team (START) collected raw (untreated) potable water samples from the Camden Municipal Wells site, located in Camden, New Jersey. These samples were collected as part of a Site Inspection Prioritization (SIP). All samples were collected by Region II START and analyzed for TCL and TAL parameters through the United States Environmental Protection Agency (EPA) Contract Laboratory Program. Samples were also analyzed for hexavalent chromium by a non-Contract Laboratory Program. The Traffic Reports for organics, inorganics, and hexavalent chromium are attached.

It should be noted that wells Morris 1 and 14 were not sampled as proposed in the Quality Assurance Project Plan (QAPP). Camden Water, LLC is currently drilling and constructing well Morris 14 and another well Morris (15). In addition, well Morris 1 is currently being developed and is expected to be operational next month (July). These wells should be sampled when they are functional.

8. Report prepared by:  Date: 6/22/00  
Richard Flack

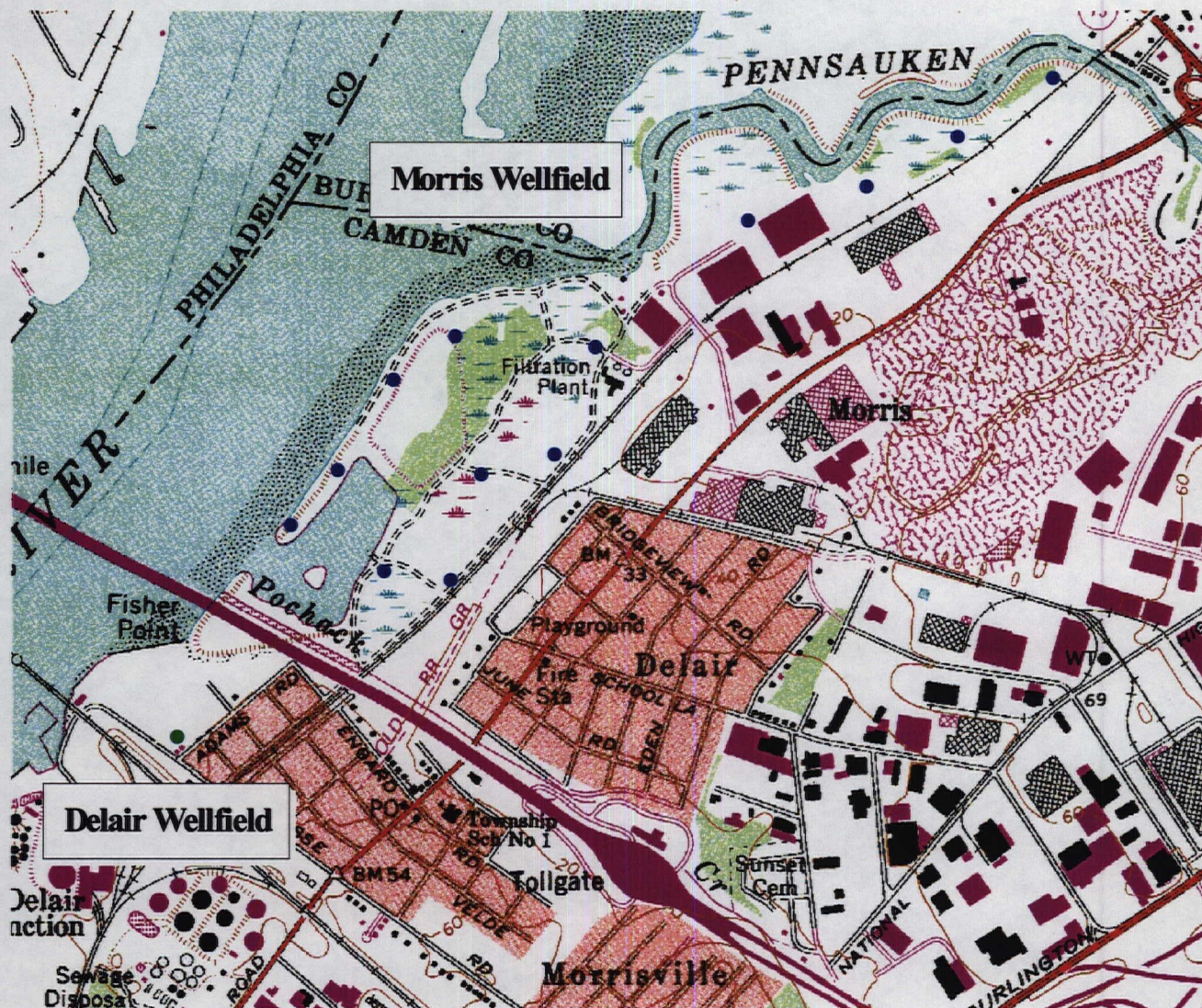
9. Report approved by: \_\_\_\_\_ Date: \_\_\_\_\_  
W. S. Butterfield, CHMM

**TABLE 1**  
**SAMPLE DESCRIPTIONS**  
**CAMDEN MUNICIPAL WELLS**  
**CAMDEN, NEW JERSEY**

SAMPLE NUMBER	ORGANIC CLP NO.	INORGANIC CLP NO.	DATE	TIME	MATRIX	DEPTH	COMMENTS
GW-M2	B01QK	MB02P4	6/13/00	1135	Aqueous	N/A	Morris
GW-M3	B01QN	MB02P5	6/13/00	1125	Aqueous	N/A	
GW-M4	B01QW	MB02P6	6/13/00	1200	Aqueous	N/A	
GW-M6	B01QX	MB02P7	6/13/00	1015	Aqueous	N/A	
GW-M7	B01QY	MB02P8	6/13/00	1000	Aqueous	N/A	
GW-M8	B01QZ	MB02P9	6/13/00	0930	Aqueous	N/A	
GW-M15	B01T0	MB02PB	6/13/00	0930	Aqueous	N/A	Duplicate sample of GW-M8 for QA/QC purposes
GW-M10/MS/MSD	B01T1	MB02PC	6/13/00	0900	Aqueous	N/A	Matrix Spike/ Matrix Spike Duplicate for QA/QC Purposes
GW-M11	B01T2	MB02PF	6/13/00	1035	Aqueous	N/A	
GW-M12	B01T3	MB02PG	6/13/00	1100	Aqueous	N/A	
GW-M13	B01T4	MB02PH	6/13/00	1055	Aqueous	N/A	
TB1	B01T7	---	6/13/00	1550	Aqueous	N/A	
GW-P13	B01TK	MB02FW	6/13/00	1435	Aqueous	N/A	Parkside
GW-P17	B01TN	MB02FX	6/13/00	1525	Aqueous	N/A	
GW-P18	B01TP	MB02FY	6/13/00	1500	Aqueous	N/A	
GW-D1	B01TJ	MB02FT	6/13/00	1350	Aqueous	N/A	Delair

## WELL LOCATION MAPS



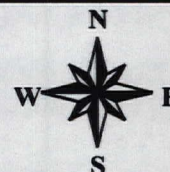


U.S. Geological Survey  
Topographical Map  
Camden Quadrangle, 1967  
Photorevised 1984

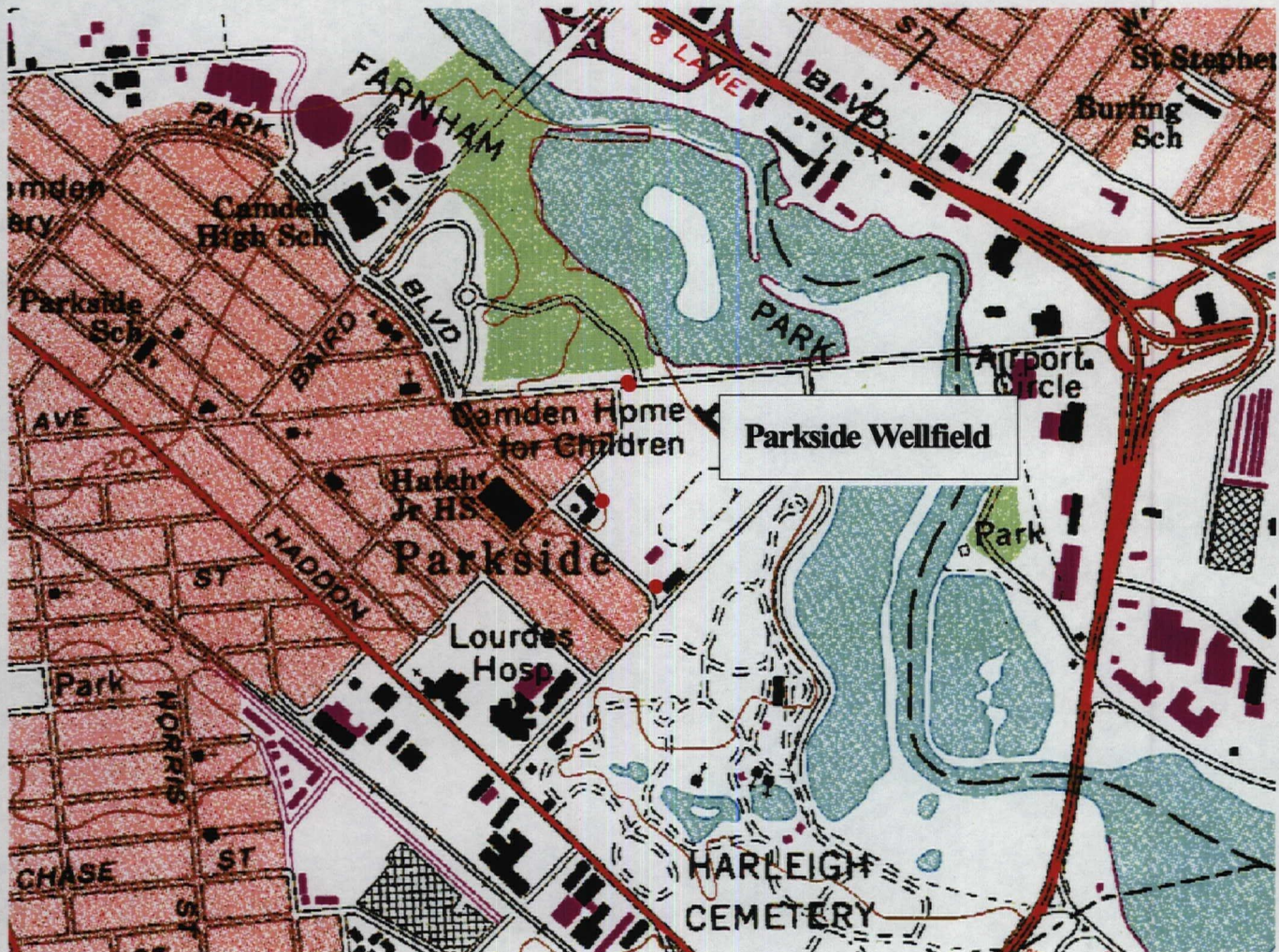
1000 0 1000 2000 Feet

- Delair Well 1
- Morris Wells

Figure 1  
Morris and Delair  
Well Location Map





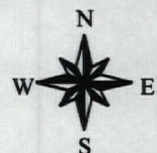


U.S. Geological Survey  
Topographical Map  
Camden Quadrangle, 1967  
Photorevised 1984

1000 0 1000 Feet

● Parkside Well Locations

**Figure 2**  
**Parkside Well Location Map**





**ATTACHMENT**

**TRAFFIC REPORTS/CHAIN OF CUSTODY RECORDS**



United States Environmental Protection Agency  
Contract Laboratory Program

# Inorganic Traffic Report & Chain of Custody Record

(For Inorganic CLP Analysis)

Case No.

28192

1. Project Code	Account Code	2. Region No.	Sampling Co.	4. Date Shipped	Carrier	6. Matrix (Enter in Column A)  1. Surface Water 2. Ground Water 3. Leachate 4. Field QC 5. Soil/Sediment 6. Oil (High only) 7. Waste (High only) 8. Other (specify in Column A)	7. Preservative (Enter in Column D)  1. HCl 2. HNO3 3. NaOH 4. H2SO4 5. K2Cr2O7 6. Ice only 7. Other (specify in Column D) N. Not preserved
Regional Information NJ D 980769087		Sampler (Name) William DeSena		Airbill Number 820153075097			
Non-Superfund Program		Sampler Signature <i>[Signature]</i>		5. Ship To Sentinel Inc. 2800 Bob Wallace Avenue Suite L3 Huntsville, AL 35805 (256) 534-9800 ATTN: Beverly Kilgore			
Site Name Camden Municipal Wells		3. Purpose <input checked="" type="checkbox"/> SF <input type="checkbox"/> PRP <input type="checkbox"/> ST <input type="checkbox"/> FED		Early Action <input type="checkbox"/> CLEM <input type="checkbox"/> PA <input type="checkbox"/> REM <input type="checkbox"/> RI <input checked="" type="checkbox"/> SI <input type="checkbox"/> ESI  Long-Term Action <input type="checkbox"/> FS <input type="checkbox"/> RD <input type="checkbox"/> RA <input type="checkbox"/> O&M <input type="checkbox"/> NPLD			
City, State Pennsauken, NJ		Site Spill ID					

CLP Sample Numbers (from labels)	A Matrix (from Box 6) Other:	B Conc.: Low Med High	C Sample Type: Comp./ Grab	D Preservative (from Box 7) Other:	E - RAS Analysis							F Regional Specific Tracking Number or Tag Numbers	G Station Location Identifier	H Mo/Day/ Year/Time Sample Collection	I Corresponding CLP Organic Sample No.	J Sampler Initials	K Field QC Qualifier <small>B = Blank S = Spike D = Duplicate R = Rinsate PE = Perform. Eval. = Not a QC Sample</small>		
					Diss. Metals	Total Metals	Cyanide	Low only NO <sub>2</sub> /NO <sub>3</sub>	High only Fluoride	pH	Conduct.								
MB02PL	2	L	G	2	X							58-60	6532-GW-M10	6/13/00-9:00	B01T1	MM			
MB02P9					X							42	6532-GW-M8	6/13/00-9:30	B01QZ				
MB02PB					X							90	6532-GW-M15	6/13/00-9:30	B01TO		D		
MB02PB					X							30	6532-GW-M7	6/13/00-10:00	B01QY				
MB02P7					X							30	6532-GW-M10	6/13/00-10:15	B01QX				
MB02PH					X							78	6532-GW-M13	6/13/00-10:55	B01T4				
MB02P6					X							72	6532-GW-M12	6/13/00-11:00	B01T3				
MB02PF					X							66	6532-GW-M11	6/13/00-10:35	B01T2				
MB02P5					X							18	6532-GW-M3	6/13/00-11:25	B01QN				
MB02P6	✓	✓	✓	✓	X							Ⓢ +2 24	6532-GW-M4	6/13/00-12:00	B01QW	✓			
Shipment for Case Complete? (Y/N)		Page 2 of 2		Sample(s) to be Used for Laboratory QC 6532-GW-M10								Additional Sampler Signatures				Chain of Custody Seal Number(s)			

## CHAIN OF CUSTODY RECORD

Relinquished by: (Signature) <i>[Signature]</i>	Date / Time 6/13/00 16:40	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	Is custody seal intact? Y/N/none

DISTRIBUTION:

Green - Region Copy  
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Yellow - Lab Copy for Return to CLASS

EPA Form 9110-1

(2/98)

SEE REVERSE FOR ADDITIONAL STANDARD INSTRUCTIONS  
\*SEE REVERSE FOR PURPOSE CODE DEFINITIONS

382565



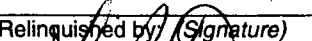


## Case No.

28192

1. Project Code		Account Code		2. Region No.		Sampling Co.		4. Date Shipped		Carrier		6. Matrix (Enter in Column A)		7. Preservative (Enter in Column D)					
				Z		Weston START		6/13/00		Federal Express		1. Surface Water		1. HCl					
Regional Information				Sampler (Name)				Airbill Number				2. Ground Water		2. HNO <sub>3</sub>					
NJ D980769087				William DeSena				820153075097				3. Leachate		3. NaOH					
Non-Superfund Program				Sampler Signature				5. Ship To				4. Field QC		4. H <sub>2</sub> SO <sub>4</sub>					
								Sentinal Inc.				5. Soil/Sediment		5. K <sub>2</sub> CR <sub>2</sub> O <sub>7</sub>					
Site Name				3. Purpose				2800 Bob Wallace Avenue				6. Oil (High only)		6. Ice only					
Camden Municipal Wells				Lead				Suite L3				7. Waste (High only)		7. Other (specify in Column D)					
City, State				Site Spill ID				(256) 534-9800				8. Other (specify in Column A)		N. Not preserved					
Pennsauken, NJ								ATTN: Beverly Kilgore											
CLP Sample Numbers (from labels)	A	B	C	D	E - RAS Analysis								F	G	H	I	J	K	
	Matrix (from Box 6) Other:	Conc. Low Med High	Sample Type: Comp./Grab	Preservative (from Box 7) Other:	Diss. Metals	Total Metals	Cyanide	Low only		High only		Regional Specific Tracking Number or Tag Numbers	Station Location Identifier	Mo/Day/Year/Time Sample Collection	Corresponding CLP Organic Sample No.	Sampler Initials	Field QC Qualifier		
								NO <sub>2</sub> /NO <sub>3</sub>	Fluoride	pH	Conduct.								
MB02FW	Z	L	G	Z	X							104	6532-GW-P13	6/13/00-14:35	BOITK	MM			
MB02FY					X							116	6532-GW-P18	6/13/00-15:00	BOITP				
MB02FX					X							110	6532-GW-P17	6/13/00-15:25	BOITN				
MB02FT	V	V	V	V	X							122	6532-GW-DL	6/13/00-13:50	BOITJ	V			
MB02PH	Z	L	G	Z	X							12	6532-GW-M2	6/13/00-11:35	BOIQK	MM			
Shipment for Case Complete? (Y/N)		Page		Sample(s) to be Used for Laboratory QC								Additional Sampler Signatures				Chain of Custody Seal Number(s)			
		2 of 2																	

## CHAIN OF CUSTODY RECORD

CHAIN OF CUSTODY RECORD					
Relinquished by: (Signature) 	Date / Time 6/13/00 16:40	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks Is custody seal intact? Y/N/none	

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382562

[illegible]

## Inorganic Traffic Report & Chain of Custody Record (For Inorganic CLP Analysis)

Case No.

28192

1. Project Code		Account Code		2. Region No.		Sampling Co.		4. Date Shipped		Carrier		6. Matrix (Enter in Column A) 1. Surface Water 2. Ground Water 3. Leachate 4. Field QC 5. Soil/Sediment 6. Oil (High only) 7. Waste (High only) 8. Other (specify in Column A)		7. Preservative (Enter in Column D) 1. HCl 2. HNO3 3. NaOH 4. H2SO4 5. K2CR2O7 6. Ice only 7. Other (specify in Column D) N. Not preserved									
Regional Information				2		Weston START		6/13/00		Federal Express													
Non-Superfund Program				Sampler (Name)		William DeSena		Airbill Number		820153075097													
Site Name				Sampler Signature				5. Ship To		Sentinal Inc. 2800 Bob Wallace Avenue Suite L3 Huntsville, AL 35805 (256) 534-9800 ATTN: Beverly Kilgore													
City, State		Pennsauken, NJ		Site Spill ID				3. Purpose		<div> <div>Lead</div> <div> <input checked="" type="checkbox"/> SF  <input type="checkbox"/> PRP  <input type="checkbox"/> ST  <input type="checkbox"/> FED </div> </div> <div> <div>Early Action</div> <div> <input type="checkbox"/> CLEM  <input type="checkbox"/> PA  <input type="checkbox"/> REM  <input type="checkbox"/> RI  <input checked="" type="checkbox"/> SI  <input type="checkbox"/> ESI </div> </div> <div> <div>Long-Term Action</div> <div> <input type="checkbox"/> FS  <input type="checkbox"/> RD  <input type="checkbox"/> RA  <input type="checkbox"/> O&amp;M  <input type="checkbox"/> NPLD </div> </div>													
CLP Sample Numbers (from labels)		A Matrix (from Box 6)		B Conc.: Low Med High		C Sample Type: Comp./Grab		D Preservative (from Box 7)		E - RAS Analysis		F Regional Specific Tracking Number or Tag Numbers		G Station Location Identifier		H Mo/Day/Year/Time Sample Collection		I Corresponding CLP Organic Sample No.		J Sampler Initials		K Field QC Qualifier	
		Other:						Other:		Diss. Metals Total Metals Cyanide NO2/NO3 Fluoride pH Conduct.													
MB02FW		2		L		G		Z		X		104		6532-GW-P13		6/13/00-14:35		BOITK		MM			
MB02FY		1		1		1		1		X		116		6532-GW-P18		6/13/00-15:00		BOITP		1			
MB02FX		1		1		1		1		X		110		6532-GW-P17		6/13/00-15:25		BOITN		1			
MB02FT		V		V		V		V		X		122		6532-GW-D1		6/13/00-13:50		BOITJ		V			
MB02P4		2		L		G		Z		X		12		6532-GW-M2		6/13/00-11:35		BOIQK		MM			
Shipment for Case Complete? (Y/N)				Page 2 of 2				Sample(s) to be Used for Laboratory QC				Additional Sampler Signatures				Chain of Custody Seal Number(s)							

## CHAIN OF CUSTODY RECORD

CHAIN OF CUSTODY RECORD					
Relinquished by: (Signature) <i>[Signature]</i>	Date / Time <i>6/13/00 16:40</i>	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	Is custody seal intact? Y/N/none

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382562

## Organic Traffic Report & Chain of Custody Record (For Organic CLP Analysis)

Case No.

28/92

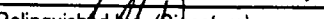
1. Project Code			2. Region No. <b>2</b>		3. Sampling Co. <b>Western START</b>		4. Date Shipped <b>6/13/00</b>		Carrier <b>Federal Express</b>		6. Matrix (Enter in Column A)		7. Preservative (Enter in Column D)		
Account Code <b>NYD980769087</b>			Sampler (Name) <b>William DeSena</b>			Airbill Number <b>821263460224</b>			5. Ship To: <b>Mitkem Corporation 175 Metro Center Boulevard Warwick, RI 02886 (401) 732-3400 ATTN: Agnes Ng</b>			1. Surface Water 2. Ground Water 3. Leachate 4. Field QC 5. Soil/Sediment 6. PE-water 7. PE-soil 8. Other (specify in Column A)		1. HCl 2. HNO3 3. NaHSO4 4. H2SO4 5. Ice only 6. CH3OH 7. Other (specify in Column D) N. Not Preserved	
Site Name <b>Camden Municipal Wells</b>			Sampler Signature 			3. Purpose**									
City, State <b>Pennsauken, NJ</b>			Site Spill ID		Op Unit		Early Action <input checked="" type="checkbox"/> SF <input type="checkbox"/> PRP <input type="checkbox"/> ST <input type="checkbox"/> FED <input type="checkbox"/> BZ <input checked="" type="checkbox"/> IA <input type="checkbox"/> PA <input type="checkbox"/> REM <input type="checkbox"/> RI <input checked="" type="checkbox"/> SI <input type="checkbox"/> ESI Long-Term Action <input type="checkbox"/> RIFS <input type="checkbox"/> RD <input type="checkbox"/> RA <input type="checkbox"/> O&M								

[illegible]

Shipment for Case Complete? (Y/N)	Page <u>1</u> of <u>1</u>	VOA MS/MSD Required? <input checked="" type="checkbox"/> Y Sample #: <u>0532-6W-M10</u>	Additional Sampler Signatures	Chain of Custody Seal Number(s)
		BNA MS/MSD Required? <input checked="" type="checkbox"/> Y Sample #: <u>0532-6W-M10</u>		
		Pest/PCB MS/MSD Required? <input checked="" type="checkbox"/> Y Sample #: <u>0532-6W-M10</u>		

\*PR provides 7-day data turnaround in addition to preliminary results. Requests for preliminary results will increase analytical costs.

## Chain of Custody Record

Relinquished by: (Signature) 	Date / Time 6/13/2016 16:40	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks: Is custody seal intact? Y/N/none	

Distribution: Blue - Region Copy      Pink - SMO Copy  
White - Lab Copy for Return to SMO      Yellow - Lab Copy for Return to Region

**See Reverse for Additional Standard Instructions**

**\*\*See Reverse for Purpose Code Definitions**

CLASS-99-001



## Organic Traffic Report & Chain of Custody Record (For Organic CLP Analysis)

Case No.

28192


1. Project Code			2. Region No. <b>Z</b>	Sampling Co. Weston START	4. Date Shipped 6/13/00	Carrier Federal Express	6. Matrix (Enter in Column A)		7. Preservative (Enter in Column D)						
Account Code			Sampler (Name) William DeSousa		Airbill Number 820153075053		1. Surface Water		1. HCl						
Site Name Camden Municipal wells			Sampler Signature 		5. Ship To: Mitekem Corporation 175 Metro Center Blvd. Warwick, RI 02886 (401) 732-3400 ATTN: Agnes Ng										
			3. Purpose** <input checked="" type="checkbox"/> SF Lead <input type="checkbox"/> IA Early Action <input type="checkbox"/> RIFS Long-Term Action <input type="checkbox"/> PRP                 PA                 RD <input type="checkbox"/> ST                  REM              RA <input type="checkbox"/> FED                 RI               O&M <input type="checkbox"/> BZ                 ESI		8. PE-water							5. Ice only			
City, State Providence, RI		Site Spill ID	Op Unit	7. Other (specify in Column D) N. Not Preserved											

[illegible]

Shipment for Case Complete? (Y/N)	Page <u>1</u> of <u>1</u>	VOA MS/MSD Required? <u>Y</u> Sample #:	Additional Sampler Signatures	Chain of Custody Seal Number(s)
		BNA MS/MSD Required? <u>Y</u> Sample #:		
		Pest/PCB MS/MSD Required? <u>Y</u> Sample #:		

\*PR provides 7-day data turnaround in addition to preliminary results. Requests for preliminary results will increase analytical costs.

## Chain of Custody Record

Relinquished by: (Signature) 	Date / Time 6/13/00 16:40	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks: Is custody seal intact? Y/N/none	

Distribution: Blue - Region Copy      Pink - SMO Copy  
White - Lab Copy for Return to SMO      Yellow - Lab Copy for Return to Region

**See Reverse for Additional Standard Instructions**

**\*\*See Reverse for Purpose Code Definitions**

CLASS-99-001



Case No.	
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28 192.

1. Project Code			2. Region No. <b>2</b>		Sampling Co. <b>Weston START</b>		4. Date Shipped <b>6/13/00</b>		Carrier <b>Federal Express</b>		6. Matrix (Enter in Column A)		7. Preservative (Enter in Column D)	
Account Code			Sampler (Name) <b>William DeSena</b>			Airbill Number <b>820153075042</b>					1. Surface Water		1. HCl	
Site Name <b>Camden Municipal Walls</b>			Sampler Signature 			5. Ship To: <b>Mitkem Corp.</b> <b>175 Metro Center Blvd.</b> <b>Warwick, RI 02886</b> <b>(401) 732-3400</b> ATTN: <b>Agnes Ng</b>					2. Ground Water		2. HNO3	
			3. Purpose**								3. Leachate		3. NaHSO4	
			<input checked="" type="checkbox"/> Early Action								4. Field QC		4. Soil QC	
			<input checked="" type="checkbox"/> Lead								5. Soil/Sediment		5. Ice only	
			<input type="checkbox"/> SF			<input type="checkbox"/> IA					6. PE-water		6. CH3OH	
			<input type="checkbox"/> PRP			<input type="checkbox"/> PA					7. PE-soil		7. Other (specify in Column A)	
			<input type="checkbox"/> ST			<input type="checkbox"/> REM					8. Other (specify in Column A)		N. Not Preserved	
			<input type="checkbox"/> FED			<input type="checkbox"/> RI								
			<input type="checkbox"/> BZ			<input checked="" type="checkbox"/> SI								
			<input type="checkbox"/> ESI			<input type="checkbox"/> RIFS								
						<input type="checkbox"/> RD								
						<input type="checkbox"/> RA								
						<input type="checkbox"/> O&M								

CLP Sample Numbers (from labels)	A Matrix (from Box 6) Other:	B Conc.:  Low Med	C Sample Type:  Comp./Grab	D Preservative (from Box 7) Other:	E RAS Analysis			F Regional Specific Tracking Number or Tag Numbers	G Station Location Identifier	H Mo/Day/Year/Time Sample Collection	I Corresponding CLP Inorganic Sample No.	J Sampler Initials	K Field QC Qualifier  B = Blank S = Field Spike D = Field Duplicate R = Rinsate PE = Perform Eval.
					TA (circle one) PR* 7 14 21	TA (circle one) PR* 7 14 21	TA (circle one) PR* 7 14 21						
					VOA	BNA	Pest/PCB						
BOITZ	Z	L	G	I	X			61	6532- <del>GW</del> -M11	6/13/00-10:35	MB02PF	MM	
↓	↓	↓	↓	S		X		62-65	↓	↓	↓	↓	
↓	↓	↓	↓	S			X	↓	↓	↓	↓	↓	
BOIQW	↓	↓	↓	I	X			13	6532- <del>GW</del> -M3	6/13/00-11:25	MB02P4	↓	
											MB02P5 ?		
Shipment for Case Complete? (Y/N)		Page 1 of 2		VOA MS/MSD Required? <input checked="" type="checkbox"/> Sample #:				Additional Sampler Signatures			Chain of Custody Seal Number(s)		
		BNA MS/MSD Required? <input checked="" type="checkbox"/> Sample #:											
		Pest/PCB MS/MSD Required? <input checked="" type="checkbox"/> Sample #:											

\*PR provides 7-day data turnaround in addition to preliminary results. Requests for preliminary results will increase analytical costs.

## Chain of Custody Record

Relinquished by: (Signature) 	Date / Time 10/13/00 10:40	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks: Is custody seal intact? Y/N/none	

Distribution: Blue - Region Copy      Pink - SMO Copy  
White - Lab Copy for Return to SMO      Yellow - Lab Copy for Return to Region

See Reverse for Additional Standard Instructions  
 \*\*See Reverse for Purpose Code Definitions

CLASS-99-001

EPA Form 9110-2 (2/99)

388204



United States Environmental Protection Agency  
Contract Laboratory Program

**Organic Traffic Report  
& Chain of Custody Record**  
(For Organic CLP Analysis)

Case No.

28192

1. Project Code		2. Region No. 2	3. Sampling Co. Weston START	4. Date Shipped 6/13/00	Carrier Federal Express	6. Matrix (Enter in Column A) 1. Surface Water 2. Ground Water 3. Leachate 4. Field QC 5. Soil/Sediment 6. PE-water 7. PE-soil 8. Other (specify in Column A)	7. Preservative (Enter in Column D) 1. HCl 2. HNO3 3. NaHSO4 4. H2SO4 5. Ice only 6. CH3OH 7. Other (specify in Column D) N. Not Preserved
Account Code		Sampler (Name) William DeSena		Airbill Number 820153075042			
Site Name Camden Municipal Wells		Sampler Signature <i>[Signature]</i>		5. Ship To: Mitek Corporation 175 Metro Center Blvd. Warwick, RI 02886 (401) 732-3400 ATTN: Agnes Ng			
City, State Pennsauken, NJ	Site Spill ID	Op Unit	3. Purpose** <input checked="" type="checkbox"/> SF <input type="checkbox"/> PRP <input type="checkbox"/> ST <input type="checkbox"/> FED <input type="checkbox"/> BZ		Early Action <input type="checkbox"/> IA <input type="checkbox"/> PA <input type="checkbox"/> REM <input type="checkbox"/> RI <input checked="" type="checkbox"/> SI <input type="checkbox"/> ESI	Long-Term Action <input type="checkbox"/> RIFS <input type="checkbox"/> RD <input type="checkbox"/> RA <input type="checkbox"/> O&M	

CLP Sample Numbers (from labels)	A Matrix (from Box 6) Other:	B Conc.: Low Med	C Sample Type: Comp./Grab	D Preservative (from Box 7) Other:	E RAS Analysis			F Regional Specific Tracking Number or Tag Numbers	G Station Location Identifier	H Mo/Day/Year/Time Sample Collection	I Corresponding CLP Inorganic Sample No.	J Sampler Initials	K Field QC Qualifier B = Blank S = Field Spike D = Field Duplicate R = Rinsate PE = Perform Eval.
					TA (circle one)	TA (circle one)	TA (circle one)						
					PR* 7 14 21	PR* 7 14 21	PR* 7 14 21						
BO1QY	2	L	G	5		X		32-35	6532-GW-M7	6/13/00-10:00	MB02P8	MM	
↓				5		X		↓	↓	↓	↓		
BO1QX				5		X		26-29	6532-GW-M6	6/13/00-10:15	MB02P7		
↓				5			X	↓	↓	↓	↓		
BO1T4				5		X		74-77	6532-GW-M13	6/13/00-10:55	MB02PH		
↓				5			X	↓	↓	↓	↓		
↓				1	X			73					
BO1T3				1	X			67	6532-GW-M12	6/13/00-11:00	MB02PG		
↓				5		X		68-71					
↓	↓	↓	↓	5			X	↓	↓	↓	↓	↓	

Shipment for Case Complete? (Y/N)	Page 2 of 2	VOA MS/MSD Required? Y/N Sample #:	Additional Sampler Signatures	Chain of Custody Seal Number(s)
		BNA MS/MSD Required? Y/N Sample #:		
		Pest/PCB MS/MSD Required? Y/N Sample #:		

\*PR provides 7-day data turnaround in addition to preliminary results. Requests for preliminary results will increase analytical costs.

**Chain of Custody Record**

Relinquished by: (Signature) <i>[Signature]</i>	Date / Time 6/13/00 16:40	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks: Is custody seal intact? Y/N/none	

Distribution: Blue - Region Copy  
White - Lab Copy for Return to SMO  
Pink - SMO Copy  
Yellow - Lab Copy for Return to Region

See Reverse for Additional Standard Instructions

\*\*See Reverse for Purpose Code Definitions

CLASS-99-001





United States Environmental Protection Agency  
Contract Laboratory Program

**Organic Traffic Report  
& Chain of Custody Record**  
(For Organic CLP Analysis)

Case No.

28192

1. Project Code		Account Code		2. Region No.	Sampling Co.		4. Date Shipped	Carrier		6. Matrix (Enter in Column A)  1. Surface Water 2. Ground Water 3. Leachate 4. Field QC 5. Soil/Sediment 6. Oil (High only) 7. Waste (High only) 8. Other (Specify in Column A)	7. Preservative (Enter in Column D)  1. HCl 2. HNO3 3. NaHSO4 4. H2SO4 5. Ice only 6. Other (Specify in Column D) N. Not preserved			
Regional Information				3. Sampler (Name)		Airbill Number								
Non-Superfund Program				3. Purpose		5. Ship To								
Site Name				Lead		Early Action		Long-Term Action						
City, State		Site Spill ID		SF		CLEM		FS						
Pennsauken, NJ				PRP		PA		RD						
				ST		REM		RA						
				FED		RI		O&M						
				ESI		NPLD								
CLP Sample Numbers (from labels)		A Matrix (from Box 6)	B Conc.: Low Med High	C Sample Type: Comp. Grab	D Preservative (from Box 7)	E RAS Analysis		F Regional Specific Tracking Number or Tag Numbers		G Station Location Identifier	H Mo/Day/Year/Time Sample Collection	I Corresponding CLP Inorganic Sample No.	J Sampler Initials	K Field QC Qualifier
BOIQN	2	L	G	5	X	VOA	BNA	PCB	High only ARO/TOX					
↓	↓	↓	↓	5	X					14-17	6532-GW-M3	6/13/00-11:25	MB02P5	MM
BOIQW	↓	↓	↓	1	X					↓	↓	↓	↓	↓
↓	↓	↓	↓	5	X					19	6532-GW-M4	6/13/00-12:00	MB02P6	↓
↓	↓	↓	↓	5	X					20-23	↓	↓	↓	↓
BOIQK	↓	↓	↓	1	X					7	6532-GW-MZ	6/13/00-11:35	MB02P4	↓
↓	↓	↓	↓	5	X					8-11	↓	↓	↓	↓
↓	↓	↓	↓	5	X					↓	↓	↓	↓	↓
Shipment for Case Complete? (Y/N)		Page		Sample(s) to be Used for Laboratory QC		Additional Sampler Signatures		Chain of Custody Seal Number(s)						
1 of 1														

**CHAIN OF CUSTODY RECORD**

Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
	6/13/00 16:40				
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	Is custody seal intact? Y/N/none

DISTRIBUTION: Blue - Region Copy  
White - Lab Copy for Return to Region  
Pink - CLASS Copy  
Yellow - Lab Copy for Return to CLASS

EPA Form 9110-2  
(2/98)

SEE REVERSE FOR ADDITIONAL STANDARD INSTRUCTIONS  
\*SEE REVERSE FOR PURPOSE CODE DEFINITIONS

384349



United States Environmental Protection Agency  
Contract Laboratory Program

**Organic Traffic Report  
& Chain of Custody Record**  
(For Organic CLP Analysis)

Case No.

28192

1. Project Code	Account Code	2. Region No. 2	Sampling Co. Western START	4. Date Shipped	Carrier Federal Express	6. Matrix (Enter in Column A)  1. Surface Water 2. Ground Water 3. Leachate 4. Field QC 5. Soil/Sediment 6. Oil (High only) 7. Waste (High only) 8. Other (Specify in Column A)	7. Preservative (Enter in Column D)  1. HCl 2. HNO3 3. NaHSO4 4. H2SO4 5. Ice only 6. Other (Specify in Column D) N. Not preserved
Regional Information NJ0980769087		Sampler (Name) William DeSena		Airbill Number 820153075064			
Non-Superfund Program N/A		Sampler Signature <i>[Signature]</i>		5. Ship To Mittkem Corp. 175 Metro Center Blvd. Warwick, RI 02886 (401) 732-3400			
Site Name Camden Municipal Wells		3. Purpose: <input checked="" type="checkbox"/> SF <input type="checkbox"/> PRP <input type="checkbox"/> ST <input type="checkbox"/> FED  Early Action <input type="checkbox"/> CLEM <input type="checkbox"/> PA <input type="checkbox"/> REM <input type="checkbox"/> RI <input checked="" type="checkbox"/> SI <input type="checkbox"/> ESI  Long-Term Action <input type="checkbox"/> FS <input type="checkbox"/> RD <input type="checkbox"/> RA <input type="checkbox"/> O&M <input type="checkbox"/> NPLD		ATTN: Agnes Nj			
City, State Parsippany, NJ		Site Spill ID					

CLP Sample Numbers (from labels)	A Matrix (from Box 6) Other:	B Conc.: Low Med High	C Sample Type: Comp. Grab	D Preservative (from Box 7) Other:	E RAS Analysis				F Regional Specific Tracking Number or Tag Numbers	G Station Location Identifier	H Mo/Day/Year/Time Sample Collection	I Corresponding CLP Inorganic Sample No.	J Sampler Initials	K Field QC Qualifier B = Blank S = Spike D = Duplicate R = Rinseate PE = Perform. Eval. -- = Not a QC Sample
					VOA	BNA	PCB	High only ARO/TOX						
BOITK	Z	L	G	1	X				99	6532-GW-P13	6/13/00-14:35	MB02FW	MM	
↓	↓	↓	↓	5		X			100-103	↓	↓	↓	↓	
BOIT7				1	X				97	6532-TB1	6/13/00-15:50	- -		
BOITP				1	X				111	6532-GW-P18	6/13/00-15:00	MB02FY		
↓	↓	↓	↓	5		X			112-115	↓	↓	↓	↓	
BOITN				1	X				105	6532-GW-P17	6/13/00-15:25	MB02FX		
↓	↓	↓	↓	5		X			106-109	↓	↓	↓	↓	
↓	↓	↓	↓	5			X		↓	↓	↓	↓	↓	

Shipment for Case Complete? (Y/N)	Page 1 of 2	Sample(s) to be Used for Laboratory QC	Additional Sampler Signatures	Chain of Custody Seal Number(s)
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**CHAIN OF CUSTODY RECORD**

Relinquished by: (Signature) <i>[Signature]</i>	Date / Time 6/13/00 16:40	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	Is custody seal intact? Y/N/none

DISTRIBUTION: Blue - Region Copy  
White - Lab Copy for Return to Region  
Pink - CLASS Copy  
Yellow - Lab Copy for Return to CLASS

EPA Form 9110-2  
(2/98)

SEE REVERSE FOR ADDITIONAL STANDARD INSTRUCTIONS  
\*SEE REVERSE FOR PURPOSE CODE DEFINITIONS

384350

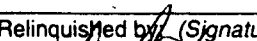



## Case No.

28/92

[illegible]

## CHAIN OF CUSTODY RECORD

Relinquished by: (Signature) 	Date / Time 4/13/00 16:40	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature) 	Date / Time	Received by: (Signature)	Relinquished by: (Signature)	Date / Time	Received by: (Signature)
Relinquished by: (Signature)	Date / Time	Received for Laboratory by: (Signature)	Date / Time	Remarks	Is custody seal intact? Y/N/none

**DISTRIBUTION:**    Blue - Region Copy                      Pink - CLASS Copy  
                       White - Lab Copy for Return to Region          Yellow - Lab Copy for Return to CLASS

**EPA Form 9110-2**  
**(2/98)**

**SEE REVERSE FOR ADDITIONAL STANDARD INSTRUCTIONS**  
**\*SEE REVERSE FOR PURPOSE CODE DEFINITIONS**

384348

101 010 1E DEV



# Roy F. Weston, Inc.

Raritan Plaza III, Suite 2B  
Edison, New Jersey 08837  
Phone: (732) 417-5800 Fax: (732) 417-5801



## CHAIN OF CUSTODY / ANALYSIS REQUEST

PAGE 1 OF 2

Name (for report and invoice) <b>Rich Flack</b>		Samplers Name (Printed) <b>William DeSena</b>		Site/Project Identification <b>Camden Municipal Wells</b>	
Company <b>Roy F. Weston, Inc.</b>		P.O. #		State (Location of site): NJ: <input checked="" type="checkbox"/> NY: <input type="checkbox"/> Other:	
Address <b>Raritan Plaza III, Suite 2B</b> <b>101 Fieldcrest Avenue</b>		Analysis Turnaround Time Standard <input type="checkbox"/> Rush Charges Authorized For: 2 Week <input type="checkbox"/> 1 Week <input type="checkbox"/> Other <input checked="" type="checkbox"/> <b>24 hrs.</b>		ANALYSIS REQUESTED (ENTER "X" BELOW TO INDICATE REQUEST)	
City <b>Edison</b> State <b>NJ</b> Zip <b>08837</b>				<div style="border: 1px solid black; padding: 5px;"> <b>LAB USE ONLY</b>  Project No: _____  Job No: _____  Sample Numbers: _____ </div>	
Phone <b>(732) 417-5800</b> Fax <b>(732) 417-5800</b>					
Sample Identification	Date	Time	Matrix	No. of Cont.	
6532-GW-M10	6/13/00	9:00	GA	1	X
6532-GW-M8		9:30		1	X
6532-GW-M15		9:30			X
6532-GW-M7		10:00			X
6532-GW-M6		10:15			X
6532-GW-M13		10:55			X
6532-GW-M12		11:00			X
6532-GW-M11		10:35			X
6532-GW-M3		11:25			X
6532-GW-M4	↓	12:00	↓	↓	X
Preservation Used: 1 = ICE, 2 = HCl, 3 = H <sub>2</sub> SO <sub>4</sub> , 4 = HNO <sub>3</sub> , 5 = NaOH 6 = Other _____, 7 = Other _____					Soil: _____ Water: <b>1</b>

Special Instructions **TEMP BLANK INCLUDED**

Water Metals Filtered (Yes/No)?

Relinquished by 1) 	Company <b>Weston</b>	Date / Time <b>6/13/00 18:25</b>	Received by 1) 	Company <b>Client</b>
Relinquished by 2)	Company	Date / Time	Received by 2)	Company
Relinquished by 3)	Company	Date / Time	Received by 3)	Company
Relinquished by 4)	Company	Date / Time	Received by 4)	Company

Raritan Plaza III, Suite 2B  
Edison, New Jersey 08837  
Phone: (732) 417-5800 Fax: (732) 417-5801

PAGE 2 OF 3

### Special Instructions

Water Metals Filtered (Yes/No)?

Relinquished by 1) <i>[Signature]</i>	Company <i>Roy F. Weston, Jr.</i>	Date / Time <i>4/13/00 18:28</i>	Received by 1) <i>[Signature]</i>	Company <i>ChemTech</i>
Relinquished by 2)	Company	Date / Time 	Received by 2)	Company
Relinquished by 3)	Company	Date / Time 	Received by 3)	Company
Relinquished by 4)	Company	Date / Time 	Received by 4)	Company